

IN THE SPECIFICATION:

Please replace the paragraph appearing on page 1, line 5 to page 2, line 19 with the following amended paragraph:

Q This application is related to the following copending and commonly assigned applications entitled "SYSTEM AND METHOD FOR PROVIDING TRACE INFORMATION REDUCTION", U.S. Application Serial Number 08/989,725, Attorney Docket Number AT9-97-318, filed on December 12, 1997, currently pending, "A METHOD AND APPARATUS FOR STRUCTURED PROFILING OF DATA PROCESSING SYSTEMS AND APPLICATIONS", U.S. Application Serial Number 09/052,329, Attorney Docket Number AT9-98-074, currently pending, filed on March 31, 1998, "A METHOD AND APPARATUS FOR STRUCTURED MEMORY ANALYSIS OF DATA PROCESSING SYSTEMS AND APPLICATIONS", U.S. Application Serial Number 09/052,331, Attorney Docket Number AT9-98-075, currently pending, filed on March 31, 1998, and "METHOD AND APPARATUS FOR PROFILING PROCESSES IN A DATA PROCESSING SYSTEM", U.S. Application Serial Number 09/177,031, Attorney Docket Number AT9-98-295, currently pending, filed on October 22, 1998, "PROCESS AND SYSTEM FOR MERGING TRACE DATA FOR PRIMARILY INTERPRETED METHODS", U.S. Application Serial Number 09/343,439, Attorney Docket Number AT9-98-849, currently pending, filed on June 30, 1999; "METHOD AND SYSTEM FOR MERGING EVENT-BASED DATA AND SAMPLED DATA INTO POSTPROCESSED TRACE OUTPUT", U.S. Application Serial Number 09/343,438, Attorney Docket Number AT9-98-850, currently pending, filed June 30, 1999; "METHOD AND SYSTEM FOR APPORTIONING CHANGES IN METRIC VARIABLES IN AN SYMMETRIC MULTIPROCESSOR (SMP) ENVIRONMENT", U.S. Application Serial Number [[_____] 09/612,340, Attorney Docket Number AUS990853US1, filed [[_____] July 6, 2000; ~~"METHOD AND SYSTEM FOR SHADOW HEAP MEMORY LEAK DETECTION AND OTHER HEAP ANALYSIS IN AN OBJECT-ORIENTED ENVIRONMENT DURING REAL TIME TRACE PROCESSING"~~, U.S. Application Serial Number

Q
~~_____, Attorney Docket Number AUS990853US1, filed~~
~~_____, "METHOD AND SYSTEM FOR TRACING PROFILING~~
INFORMATION IN AN APPLICATION USING PER THREAD METRIC
VARIABLES WITH REUSED KERNEL THREADS", U.S. Application Serial Number
[[_____] 09/612,349, Attorney Docket Number AUS000055US1, filed
[[_____] July 6, 2000; "METHOD AND SYSTEM FOR TRACING PROFILING
INFORMATION USING PER THREAD METRIC VARIABLES WITH REUSED
KERNEL THREADS", U.S. Application Serial Number [[_____] 09/612,350,
Attorney Docket Number AUS000057US1, filed [[_____] July 6, 2000; and
"METHOD AND SYSTEM FOR SMP PROFILING USING SYNCHRONIZED OR
NONSYNCHRONIZED METRIC VARIABLES WITH SUPPORT ACROSS MULTIPLE
SYSTEMS", U.S. Application Serial Number [[_____] 09/611,666, Attorney
Docket Number AUS000129US1, filed [[_____] July 6, 2000.

Please replace the paragraphs appearing at page 56 line 25 to page 57, line 17 with the following amended paragraphs:

Q
Jvm 2002 utilizes operating system kernel 2000 for processing support.
Operating system kernel 2000 controls one or more processors for processing threads for Jvm 2002. In accordance with a preferred embodiment of the present invention, profiler 2008 accurately tracks metric values regardless of whether or not a kernel thread has been reused. Accurately tracking per thread metric variables with reused kernel threads where the application calculates the thread level change in the value since the last request for a thread level metric is disclosed in "METHOD AND SYSTEM FOR TRACING PROFILING INFORMATION IN AN APPLICATION USING PER THREAD METRIC VARIABLES WITH REUSED KERNEL THREADS" U.S. Application Serial Number [[_____] 09/612,349, Attorney Docket Number AUS000055US1, filed [[_____] July 6, 2000, which is incorporated by reference in its entirety.

Profiler 2008 accurately tracks metric values regardless of whether operating system kernel 2000 supports a uniprocessor system or a symmetric multiprocessing (SMP). Apportioning changes in the value of metric variables for profiling information is

disclosed in "METHOD AND SYSTEM FOR APPORTIONING CHANGES IN
METRIC VARIABLES IN AN SYMMETRIC MULTIPROCESSOR (SMP)
ENVIRONMENT", U.S. Application Serial Number [[_____]] 09/612,340,
Attorney Docket Number AUS990853US1, filed [[_____]] July 6, 2000, which is
incorporated by reference in its entirety.
